

AG Zufallsmatrizen Seminar

Antti Haimi
Universität Wien

Polyanalytic Ginibre ensembles

We will discuss Polyanalytic Ginibre ensembles, a family of determinantal processes describing planar free fermions in a constant magnetic field. A physical interpretation is that a fixed number of first Landau levels are filled with particles. The classical Ginibre process corresponds to the case where only the lowest level is occupied. We will study the limiting behaviour as the magnetic field strength tends to infinity.

Wednesday, 17.05.2017, 16:15 Uhr
V3-201